

IN THE CLAIMS:

1. (Currently Amended) ~~Remote~~In a remote control system for electric ~~or~~and electronic appliances comprising at least one ~~by a~~ remote control that can be actuated by a user and at least one electronic apparatus installed on~~(10)~~, wherein each of said appliances and intended to communicate by air with said remote control to actuate a status change of the appliance selected by the user, characterised in that said electric apparatus of each appliance~~(12)~~ comprises at least
- a transmitter (13) intended to transmit a message by air to the remote control~~(10)~~;
- a receiver (14) intended to receive and decode a message sent by air by the remote control; and
- an identification address (16) that said electronic apparatus is capable of transmitting by the transmitter,
- and in that the at least one to be transmitted by the appliance transmitter, and wherein the remote control comprises
- a transmitter (17) intended to transmit a message by air to the electric or electronic each of said appliances;
- a receiver (18) intended to receive and decode ~~at the~~ message sent by air by ~~at least one the~~ transmitter of each of said appliances and having an aiming axis (X) to be aimed towards an appliance to be controlled; and
- at least one key or similar device to allow ~~the~~ to an user to send an actuation- command to a selected appliance, wherein

the remote control receiver (18) being characterized in that it is provided with a directional receiving device means (19) limiting a narrow angle of reception in order to allow the reception only of the signals coming from sources located outside a cone with axis coinciding with the remote control aiming axis message coming from the appliance transmitter on which said aiming means (19) is orientated.

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2. (Currently Amended) Remote control system according to claim 1, wherein said aiming means (19) of the communication between remote appliances and remote control is by infrared rays. receiver constitutes the vertex of a virtual conical channel, the base of which is turned towards the aimed appliance for receiving the message coming from said appliance only.

3. (Currently Amended) Remote control system according to claim 1, wherein said aiming means (19) of the communication between remote appliances and remote control is by infrared rays, whereas the communication between remote control and remote appliances is by radiofrequency. receiver is formed by a suitably shaped tube.

4. (Currently Amended) Remote control system according to claim 2 or 3, wherein the directional receiving device said aiming means (19) of the remote control receiver is a suitably shaped pipe and/or a lens and/or a collimation lens.

5. (Currently Amended) Remote control system according to any one of the previous

~~claims, wherein the electronic apparatus of each appliance to be controlled also comprises a light indicator intended to display the connection with~~ claim 1, wherein said aiming means (19) of the remote control receiver is formed by a collimation hole.

6. (Currently Amended) Remote control system according to ~~any one of the previous claims~~ claim 1, wherein the electronic apparatus of each appliance to be controlled and/or the communication between said appliances and remote control also comprise a visual indication of the type of actions that each appliance can actuate. ~~is by infrared rays.~~

7. (Currently Amended) Communication method between at least one ~~Remote control system according to claim 1, wherein the communication between said appliances and remote control is by infrared rays, whereas the communication between remote control and at least one electric or electronic appliance for the remote control of the latter, characterised in that it~~
comprises the following steps:

- I. Transmission of an identification message by each appliance;
- II. Reception and decoding of the identification message coming from the appliance towards which the remote control is aimed, by the at least one remote control;
- III. Transmission by the remote control of a message intended only for the appliance to be controlled identified at the previous step, and containing the actuation command, said transmission being caused by the pressure of a key or similar provided on the remote control by the user. ~~said appliances is by radiofrequency.~~

8. (Currently Amended) ~~Communication method~~Remote control system according to claim 7₁, wherein at step I, the transmission of the identification message by the appliances occurs following an identification request transmitted by ~~least one among appliances to be controlled and~~ the remote control and received by multiple appliances, comprising the one to be controlled, said identification request transmission being caused by the pressure of a key or similar so provided on the remote control by the user. comprises a visual indication to display the connection between an appliance and remote control.

9. (Currently Amended) ~~Communication~~A communication method ~~among electric and electronic appliances with a remote control in a remote control system~~ according to claim 7 or 8, wherein the following steps are provided between step II and step III:

a1, comprising the steps of:

I. ~~transmission of an identification message by each appliance;~~

II. ~~aiming of the aiming means of the remote control receiver toward a desired appliance;~~

III. ~~reception and decoding by the remote control of the identification message coming from the aimed appliance only;~~

IV. ~~transmission by the remote control of a message intended only for the appliance to be controlled, identified and recognized at the previous step H, and containing a request of activation of a confirmation message of the connection between appliance and remote control; and~~

b. ~~in case of connection, activation of such signal by the selected appliance. an actuation command for said appliance.~~

10. (Currently Amended) Communication method according to claim 7, 8 or 9, wherein
the transmission of the identification message sent by the at least one appliance to be controlled
also containsoccurs following an identification code of the type of actions that said appliance
is capable of actuating. request transmitted by the remote control and received by all the
appliances, comprising the one to be controlled, said identification request transmission being
5 caused by a pressure of a key on the remote control by the user.

11. (Currently Amended) Communication method according to ~~any one of claims from~~
~~7 to 10, wherein the identification message sent by the at least one~~claim 9, wherein the
following steps are provided between steps III and IV:

a. transmission by the remote control of a message intended only for the aimed appliance to be
5 controlled also contains a coding of its status. and containing a request of activation of a
confirmation message of connection between the aimed appliance and remote control;
b. in case of connection, activation of a signal by the aimed appliance.

12. (New) Communication method according to claim 9, wherein the identification
message sent by the aimed appliance to be controlled also contains an identification code of the
type of action that said appliance is capable of actuating and a coding of its status.